TOT360 2520660

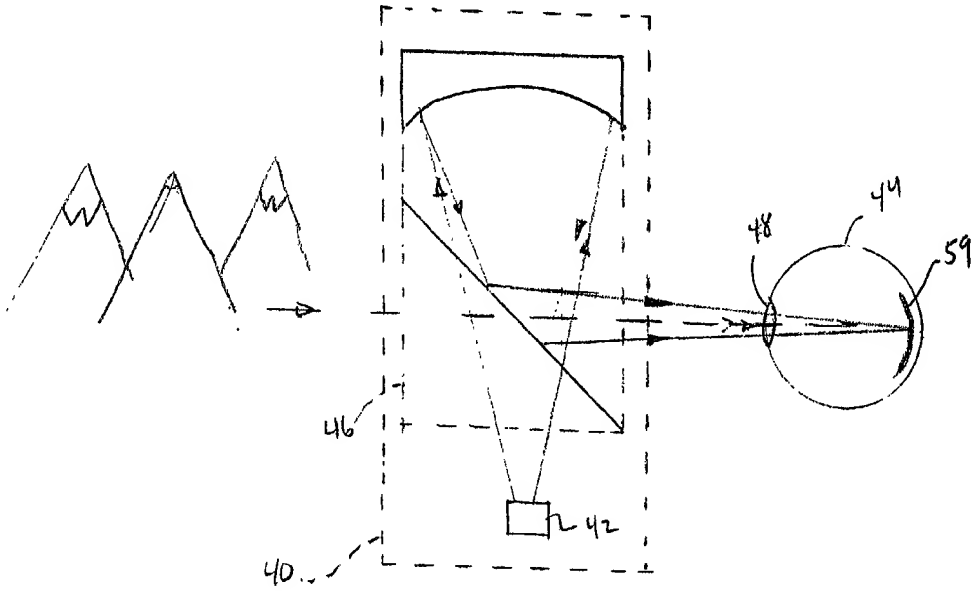


FIG 1

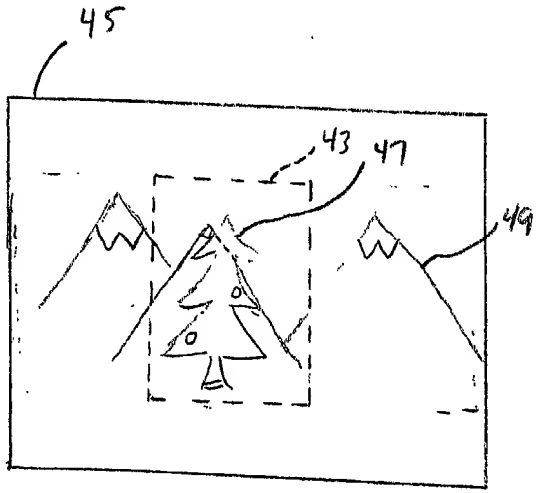


FIG 2A

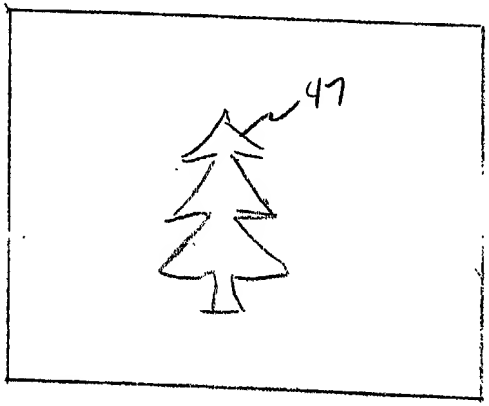


FIG 2B

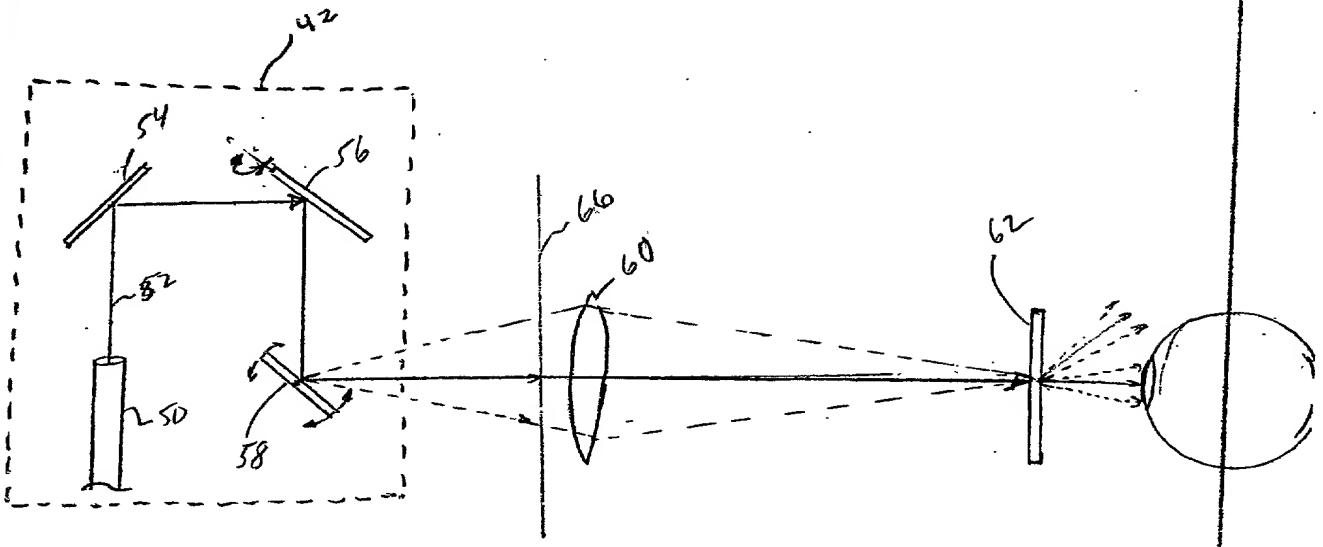


FIG 3

TOPS
35500

FIG 4A

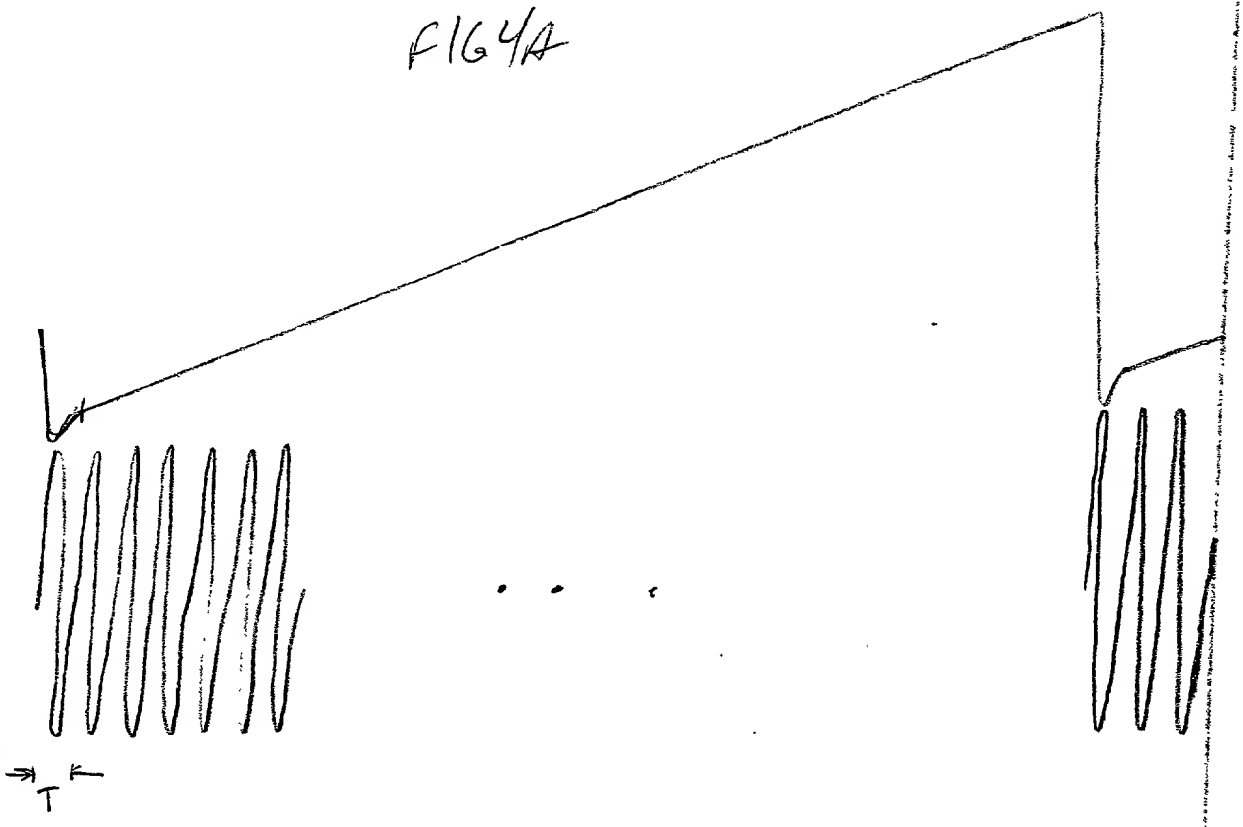
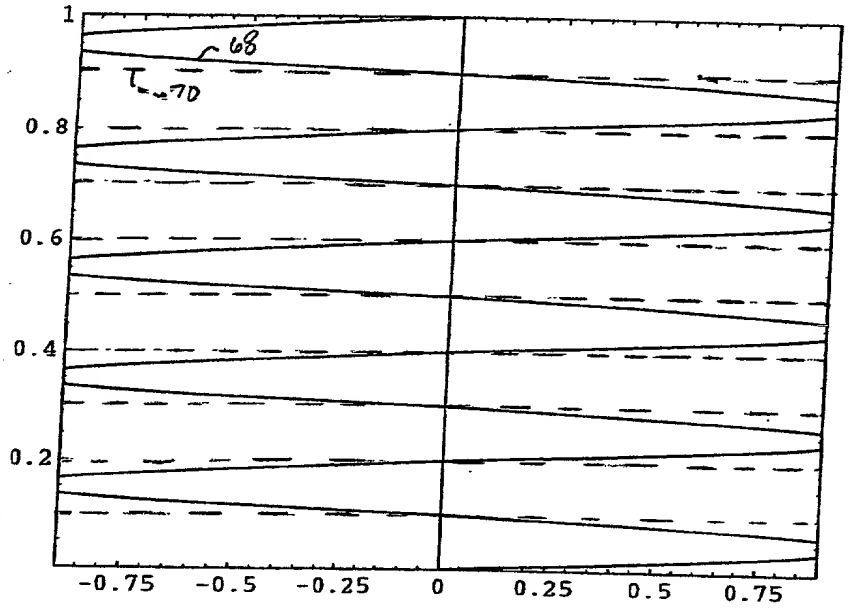


FIG. 4B

```
fh = 1;
dyc = .1;
ga = 0;
a1 = - dyc / 2 / Pi ga;
ParametricPlot[{xb[t], yb1[t]}, {t, 0, 5 / fh},
 AspectRatio -> 3 / 4,
 Frame -> True,
PlotRange -> {{-.9, .9}, {0, 1}}];
Clear[fh, dyc];
```



For comparison this is an uncorrected raster.

FIG 5

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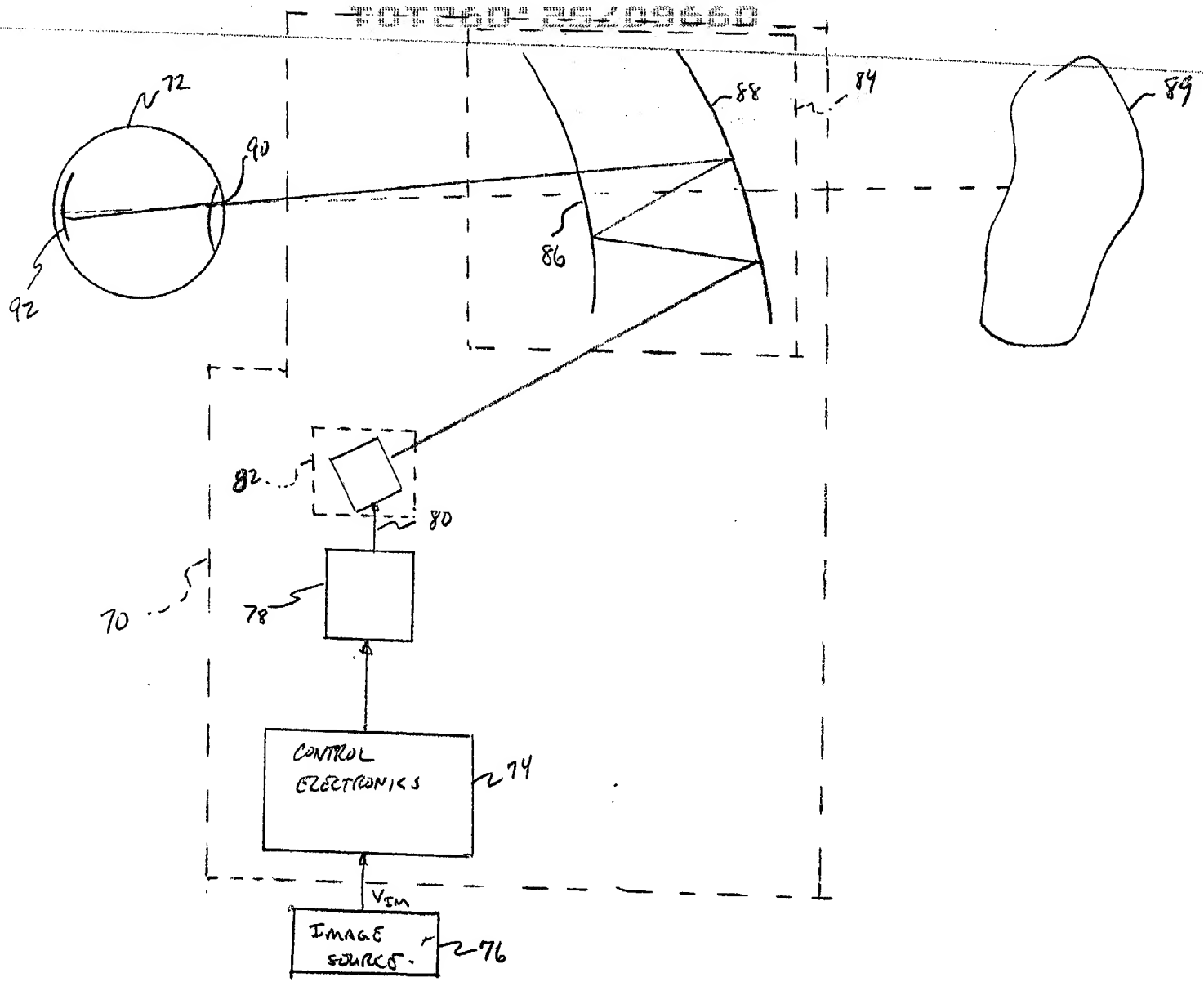

72
90
92
88
84
86
89
82
80
70
78
CONTROL ELECTRONICS
74
V_{IM}
IMAGE SOURCE
76

FIG 6

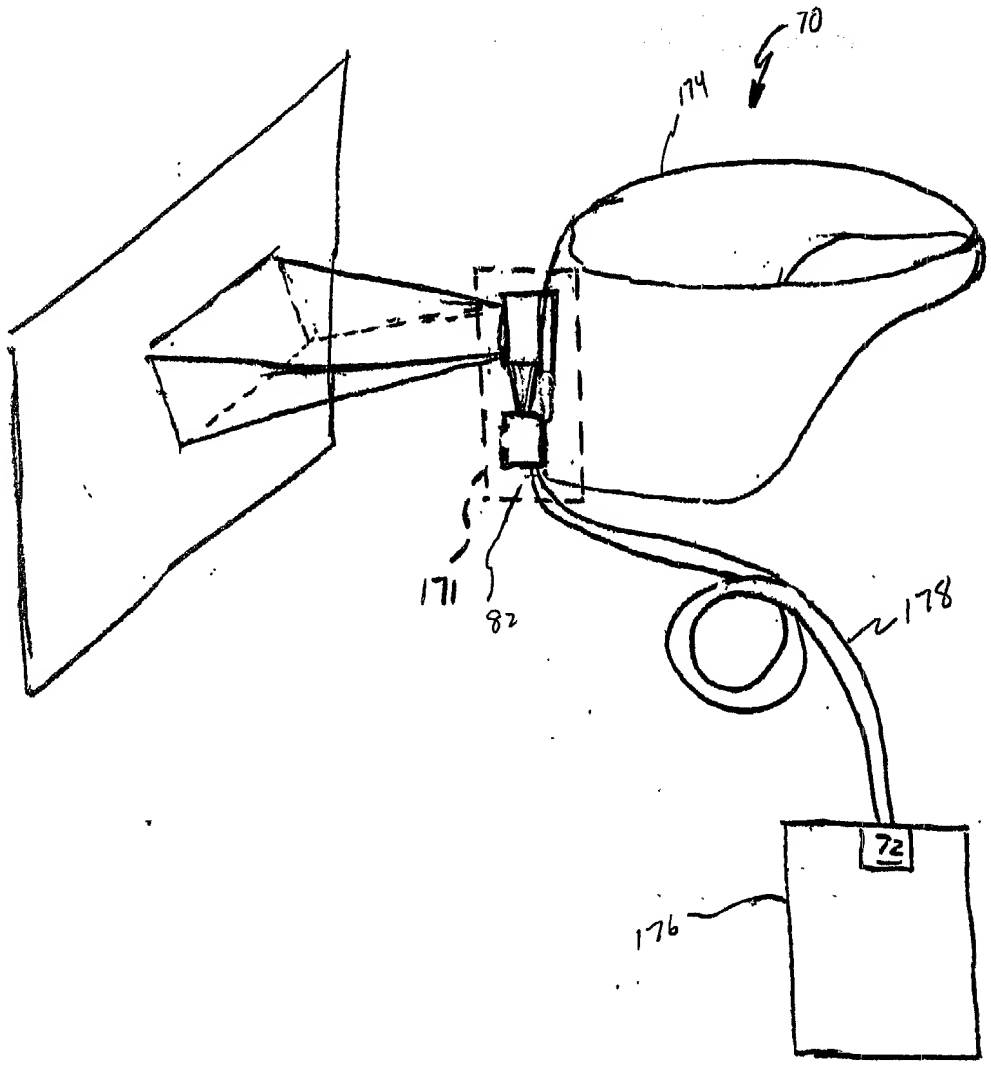


FIG. 7

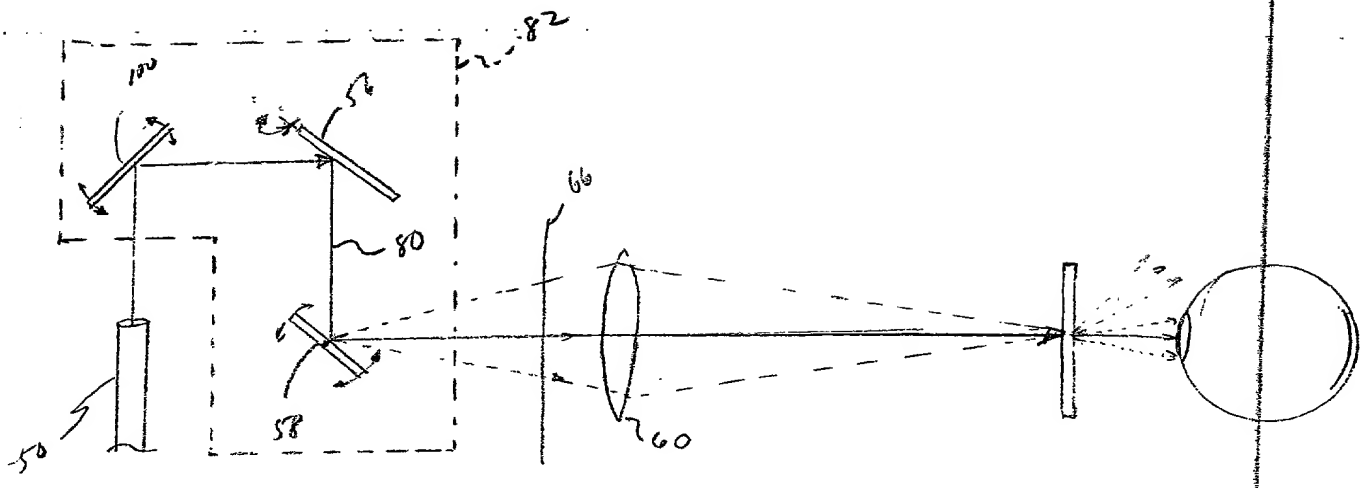


FIG. 8

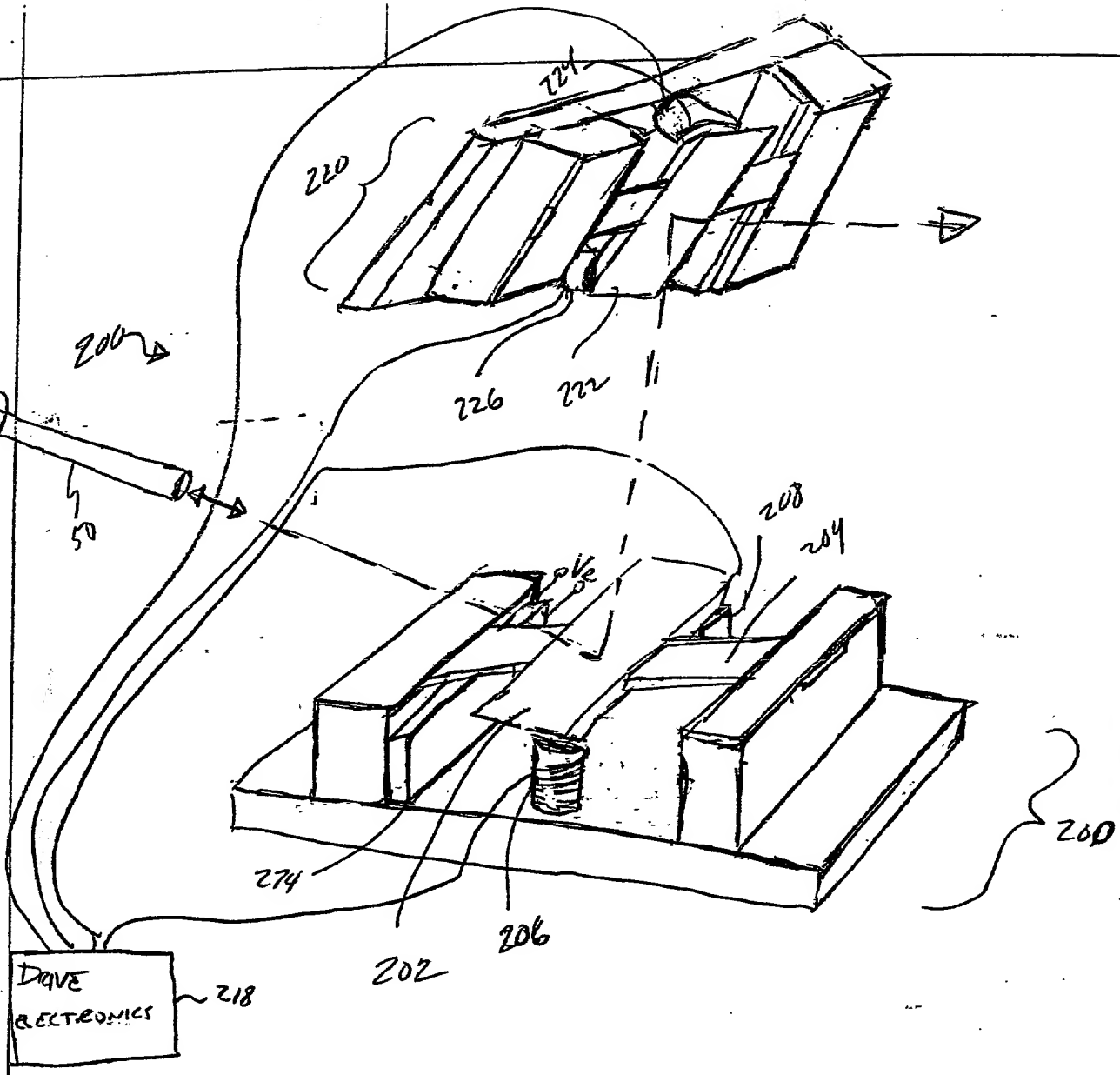

224
220
200
226
222
50
208
204
210
274
206
202
DRIVE ELECTRONICS
218

FIG 9

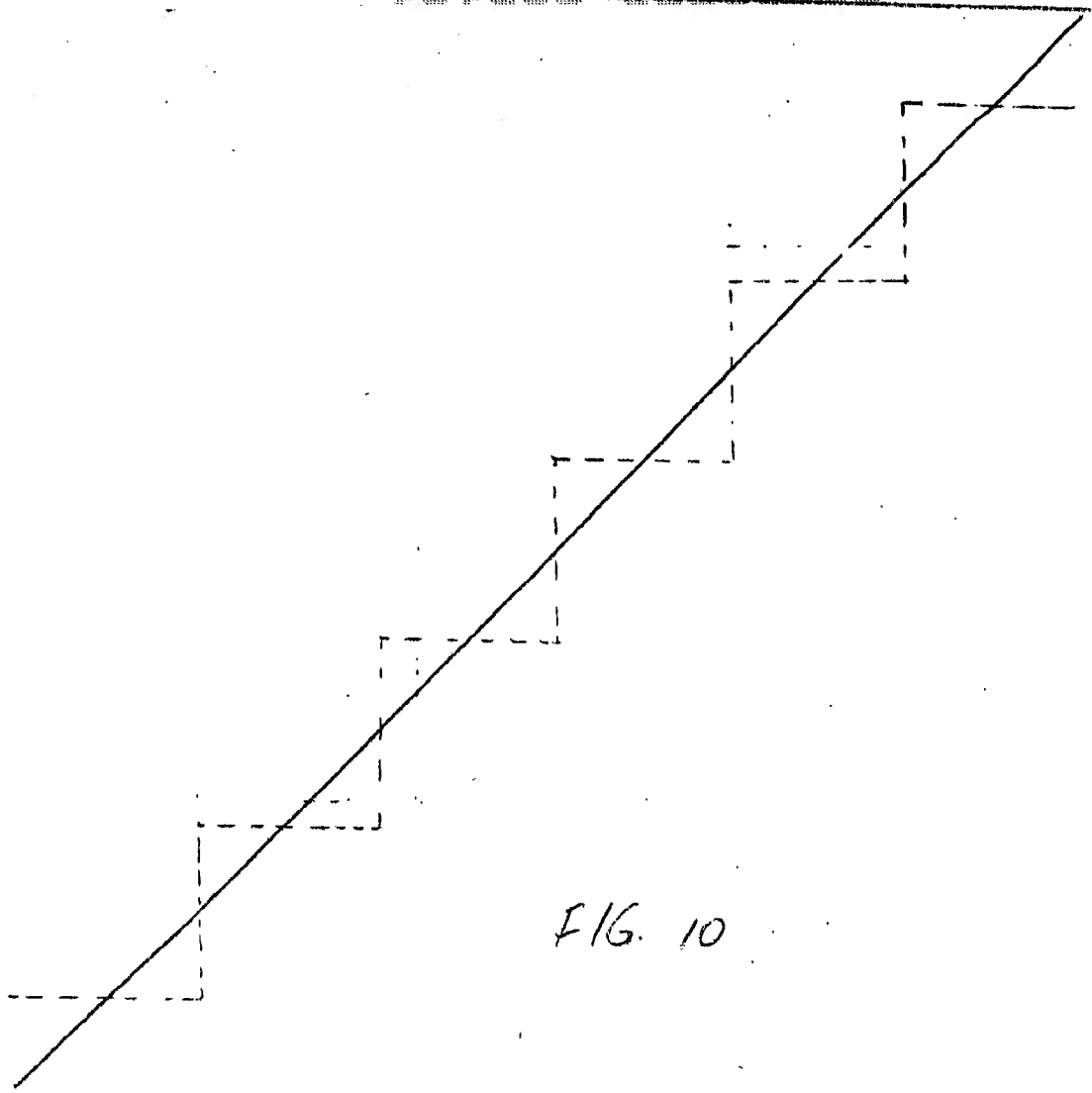


FIG. 10

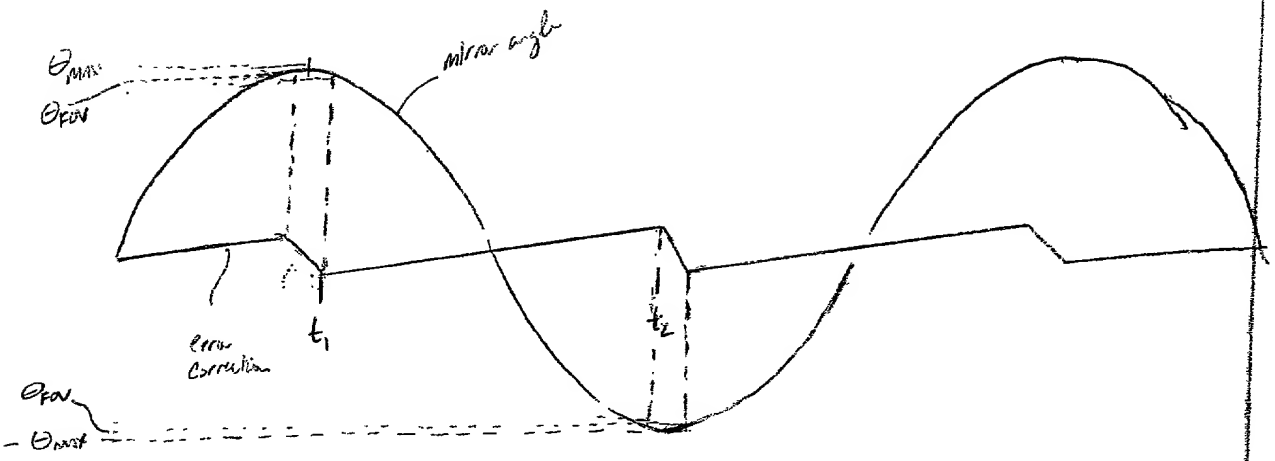


FIG 11

FOR 5,952,650 - 05/20/2025

CCS 355CC

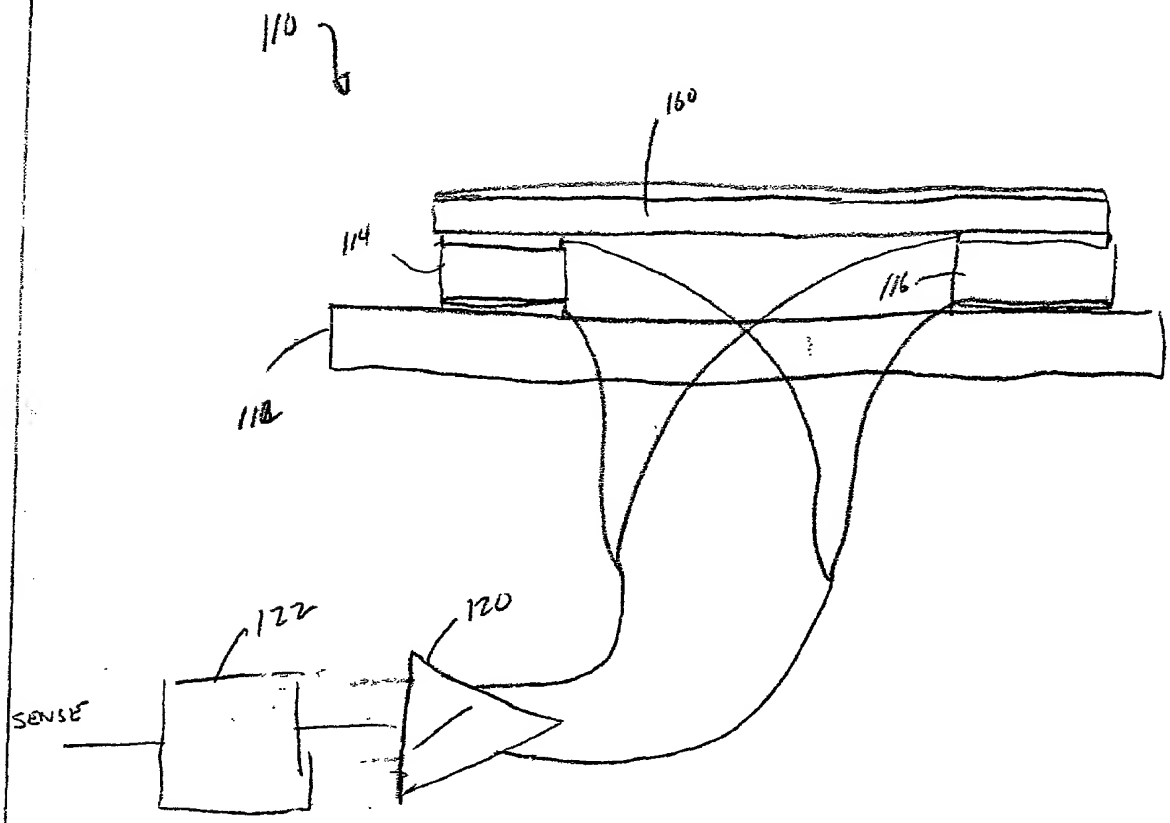
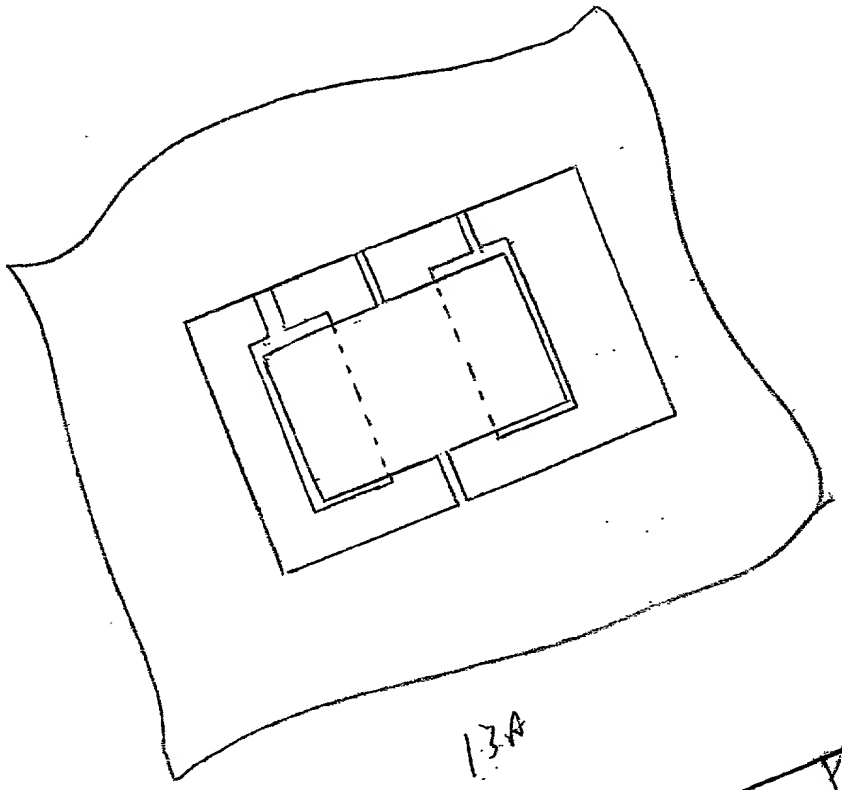


FIG 12

TOPS 35500



13A

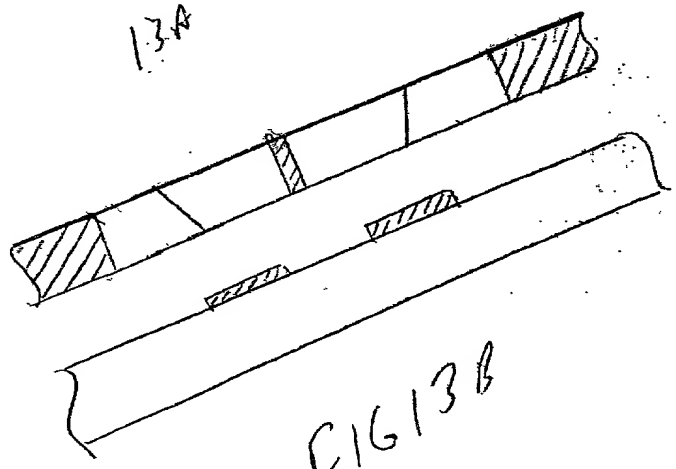


FIG13B

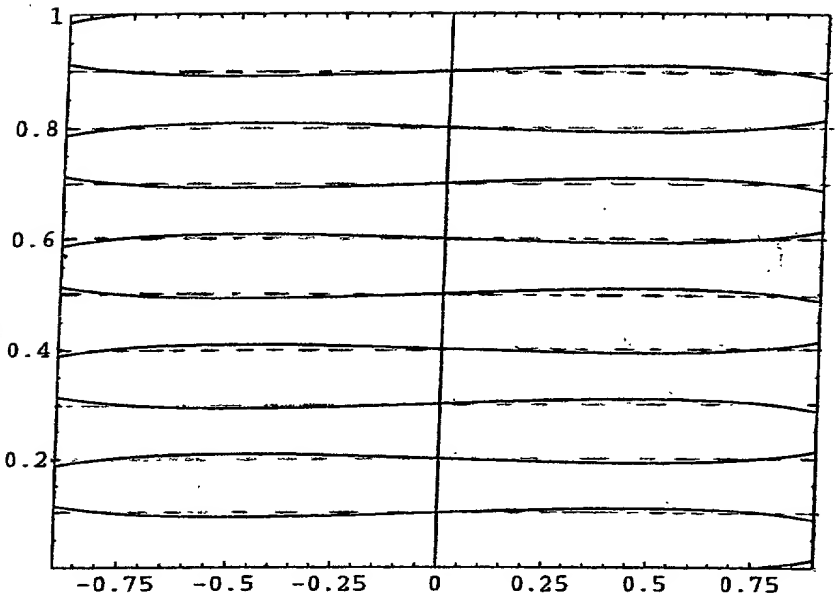


FIG 14

TOTAL P.05

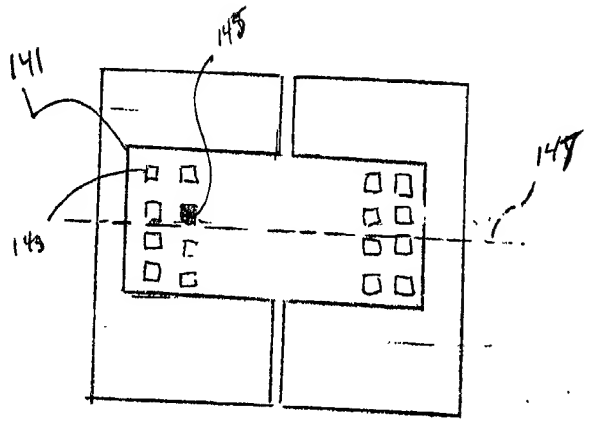


FIG 15

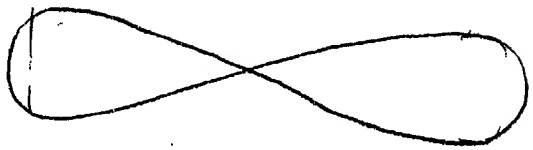


FIG 16

TOT260 3520960

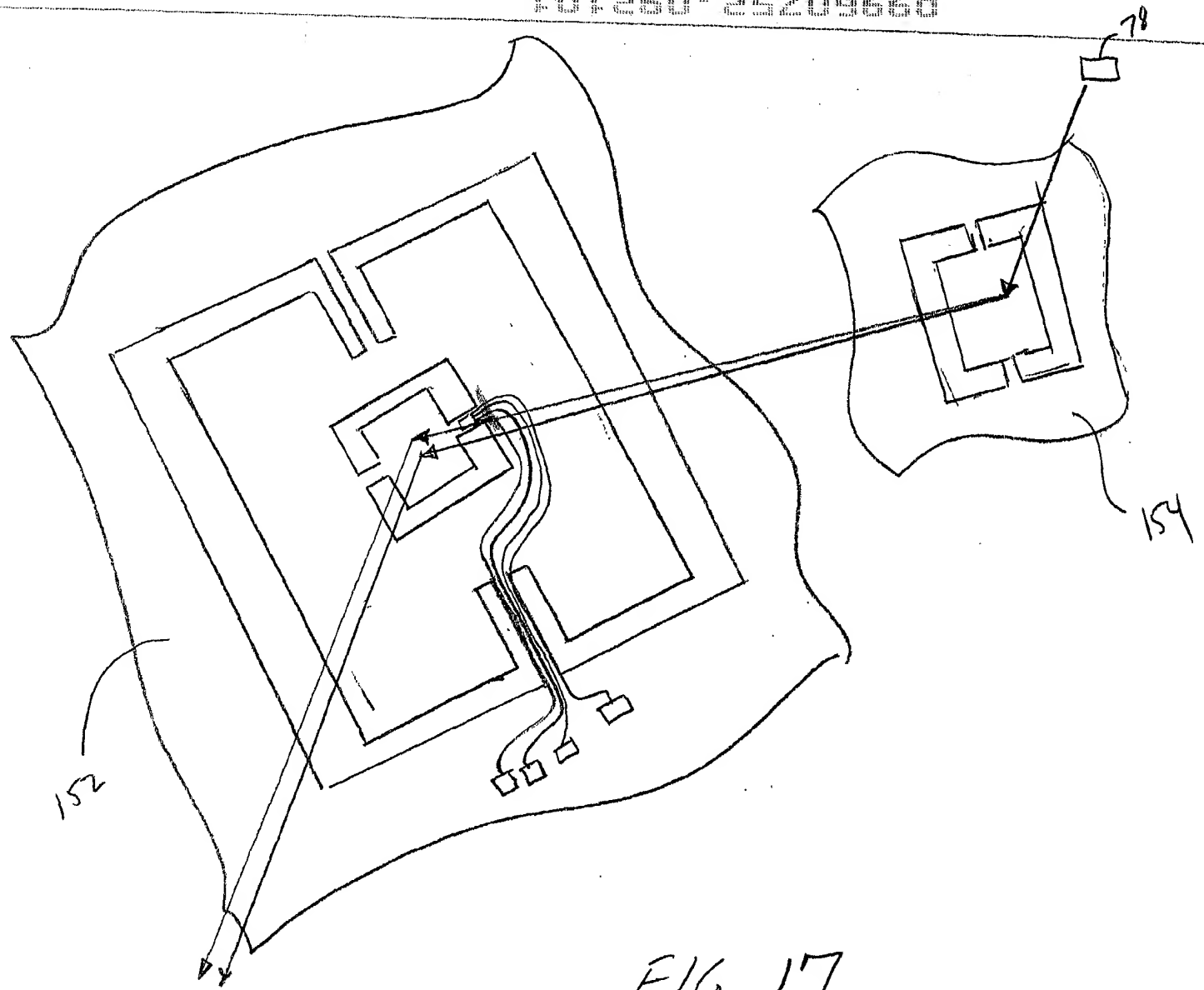


FIG. 17

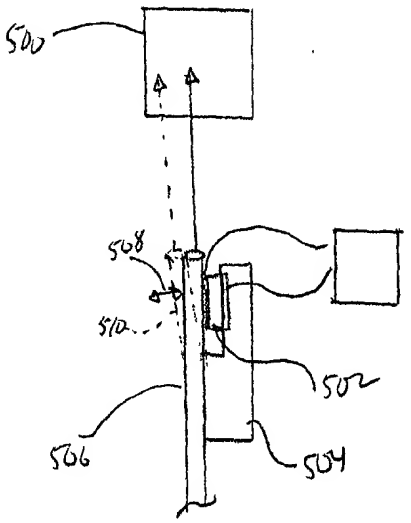


FIG. 18

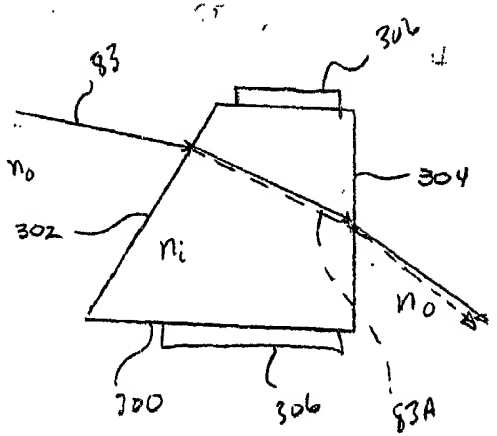


FIG 19

EOT360 35209660

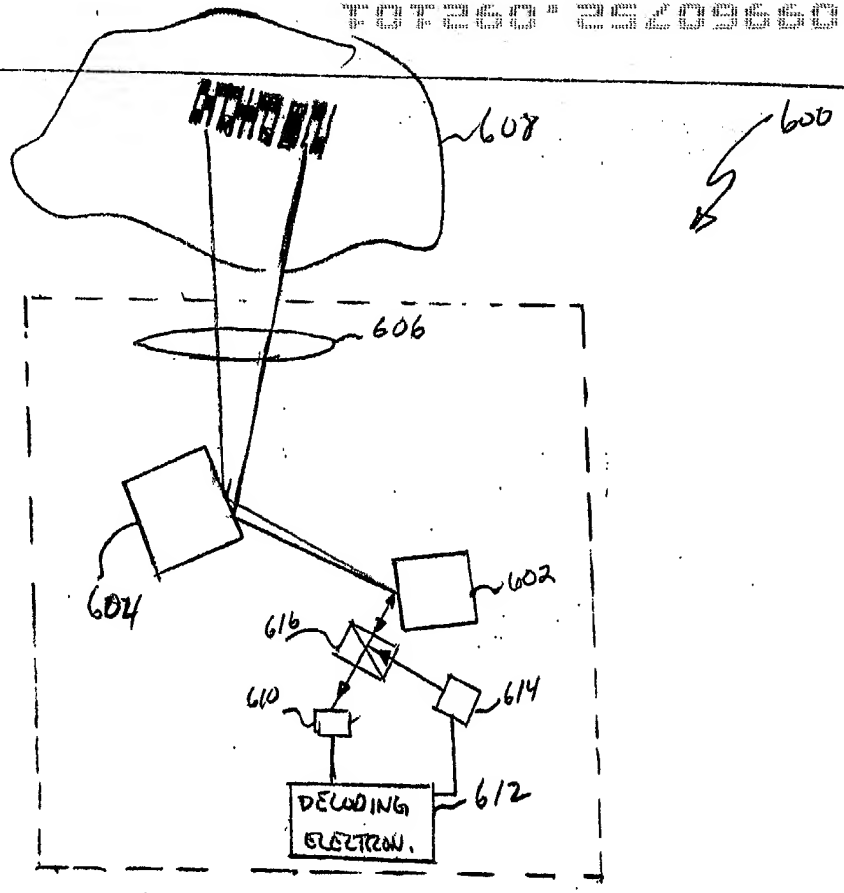


FIG 20

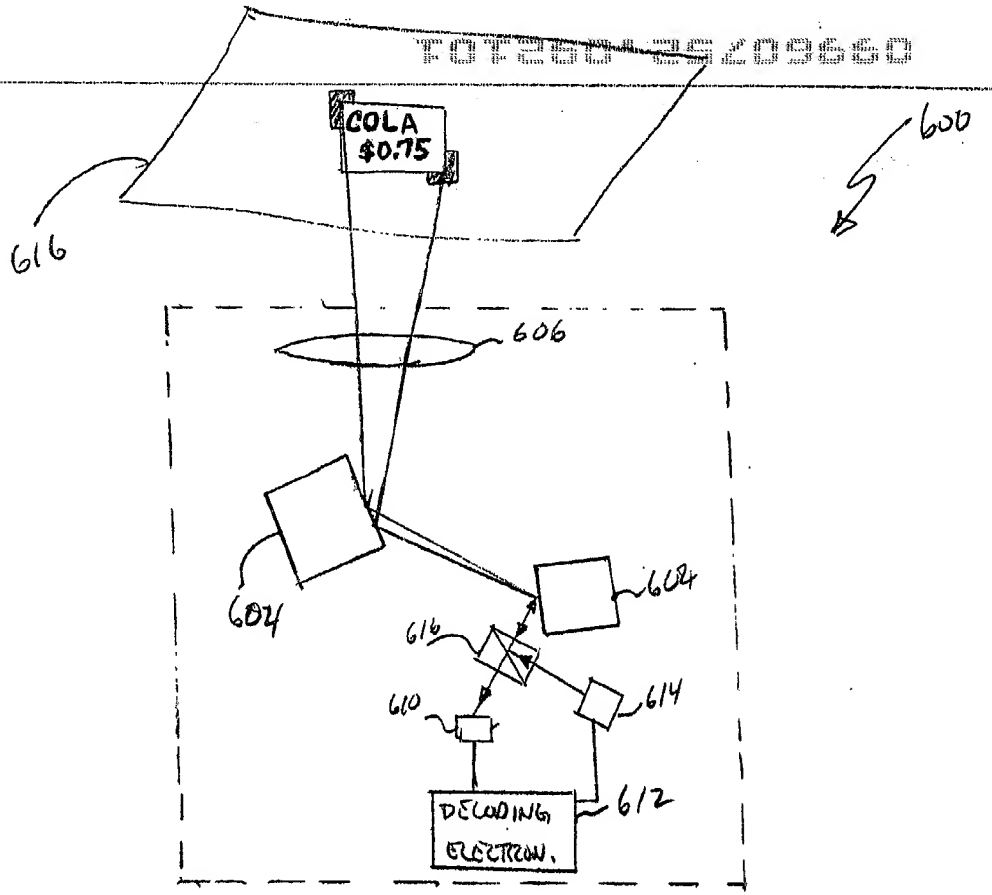

COLA
$0.75
600
616
606
604
604
616
610
614
DECODING
ELECTRON.
612

FIG 2.1

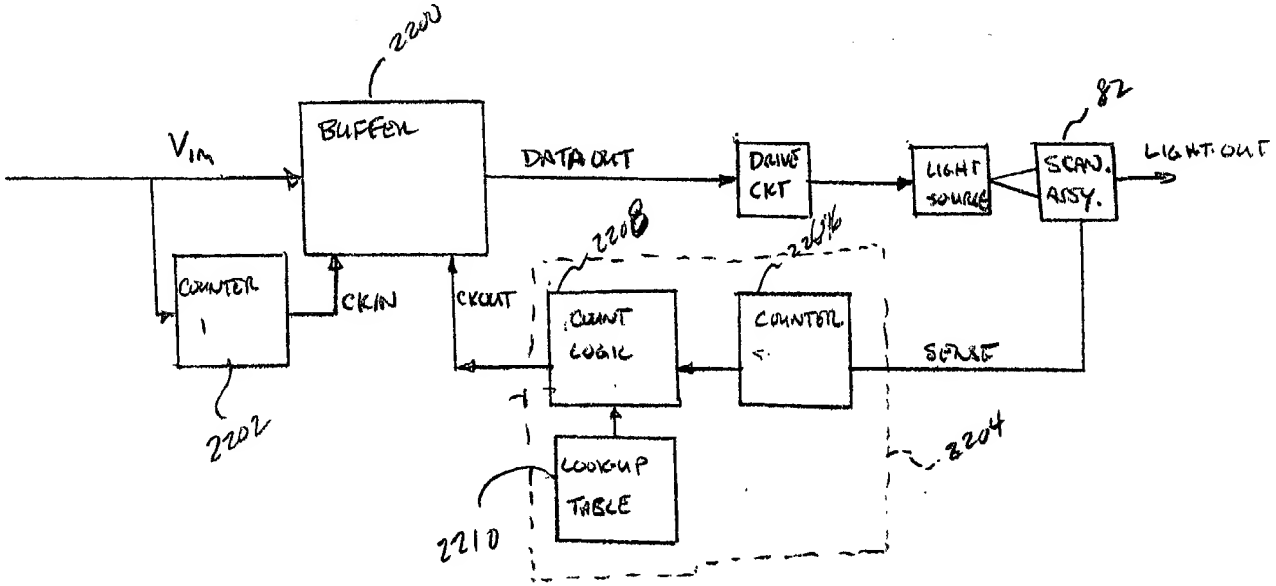

2200
BUFFER
V_{in}
DATA OUT
DRIVE CKT
LIGHT SOURCE
SCAN. ASSY.
82
LIGHT OUT
COUNTER 1
CKIN
CKOUT
2208
COUNT LOGIC
2206
COUNTER 2
SCAN
2202
2204
LOOK-UP TABLE
2210

FIG 22

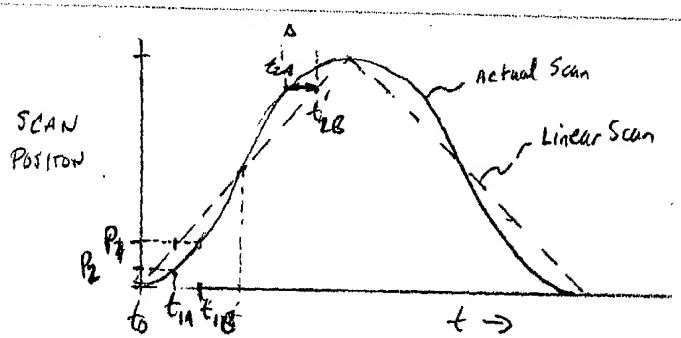

SCAN
POSITION
Actual Scan
Linear Scan
t →

FIG 23

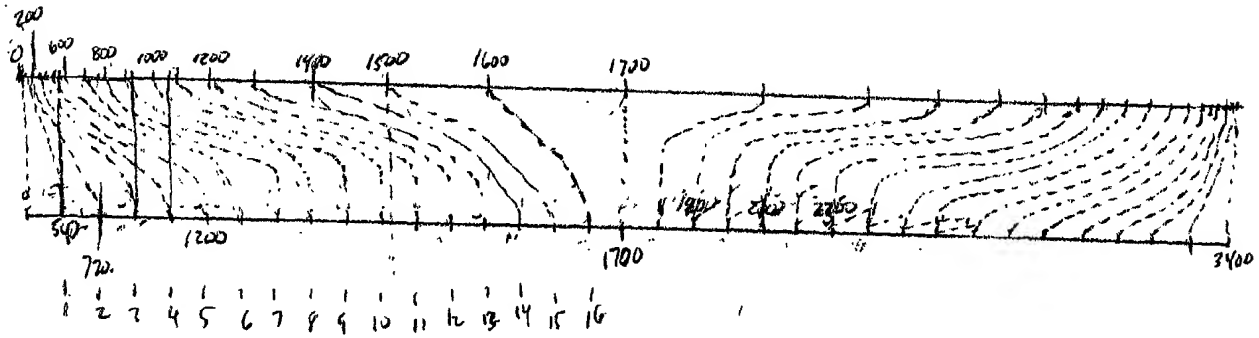

200
0
600
800
1000
1200
1400
1500
1600
1700
1200
1700
3400
720.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

FIG 24

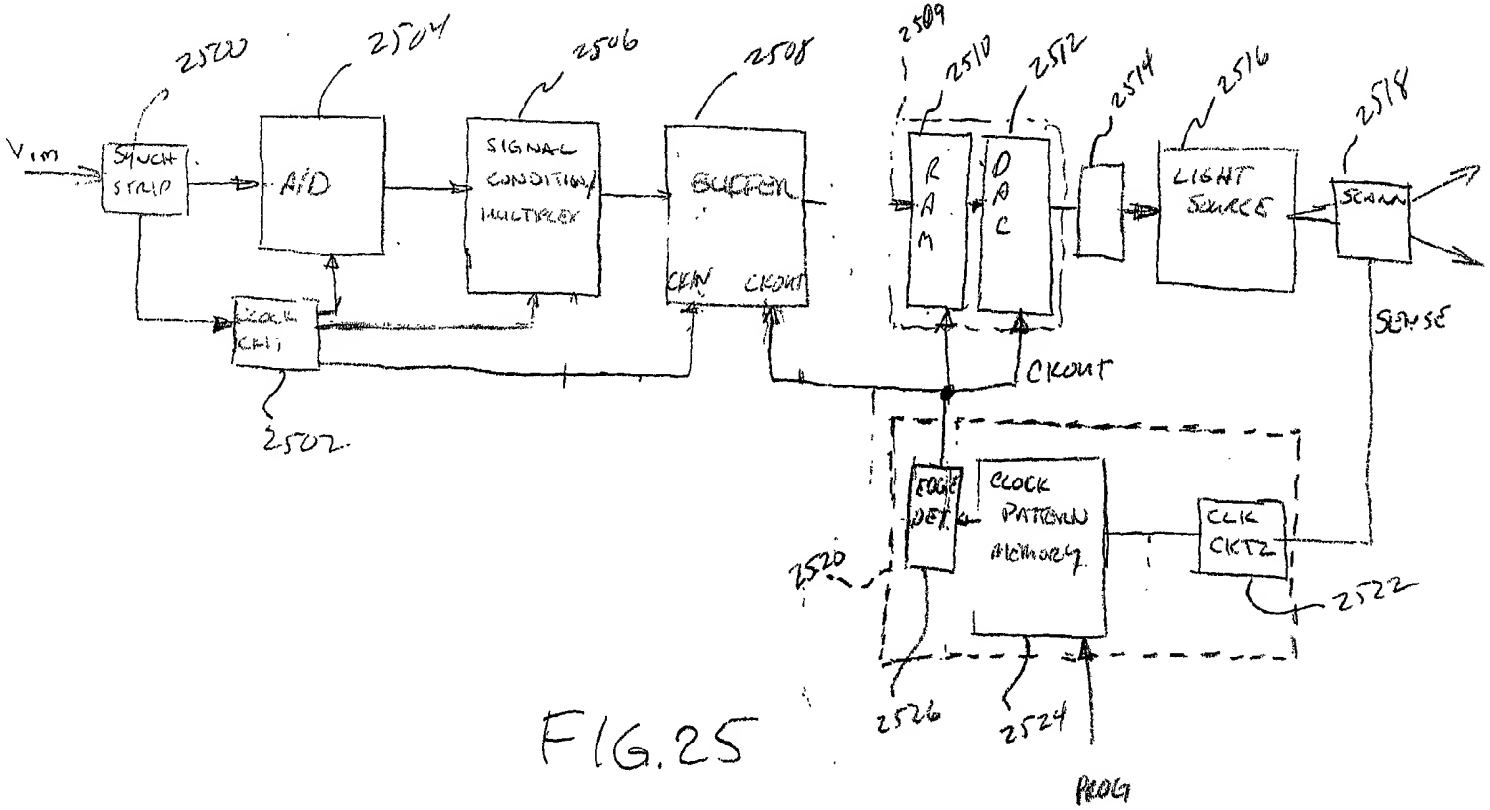

2520
2504
2506
2508
2509
2510
2512
2514
2516
2518
Vin
SYNCH STRIP
A/D
SIGNAL CONDITION/ MULTIPLEX
BUFFER
CLKIN
CLKOUT
RAM
DAC
LIGHT SOURCE
SCANN
SENSE
CLOCK CKT
2502
CLOCK PATTERN MEMORY
CLK CKTS
2522
2520
2526
2524
PROG

FIG. 25

EXPRESS MAIL

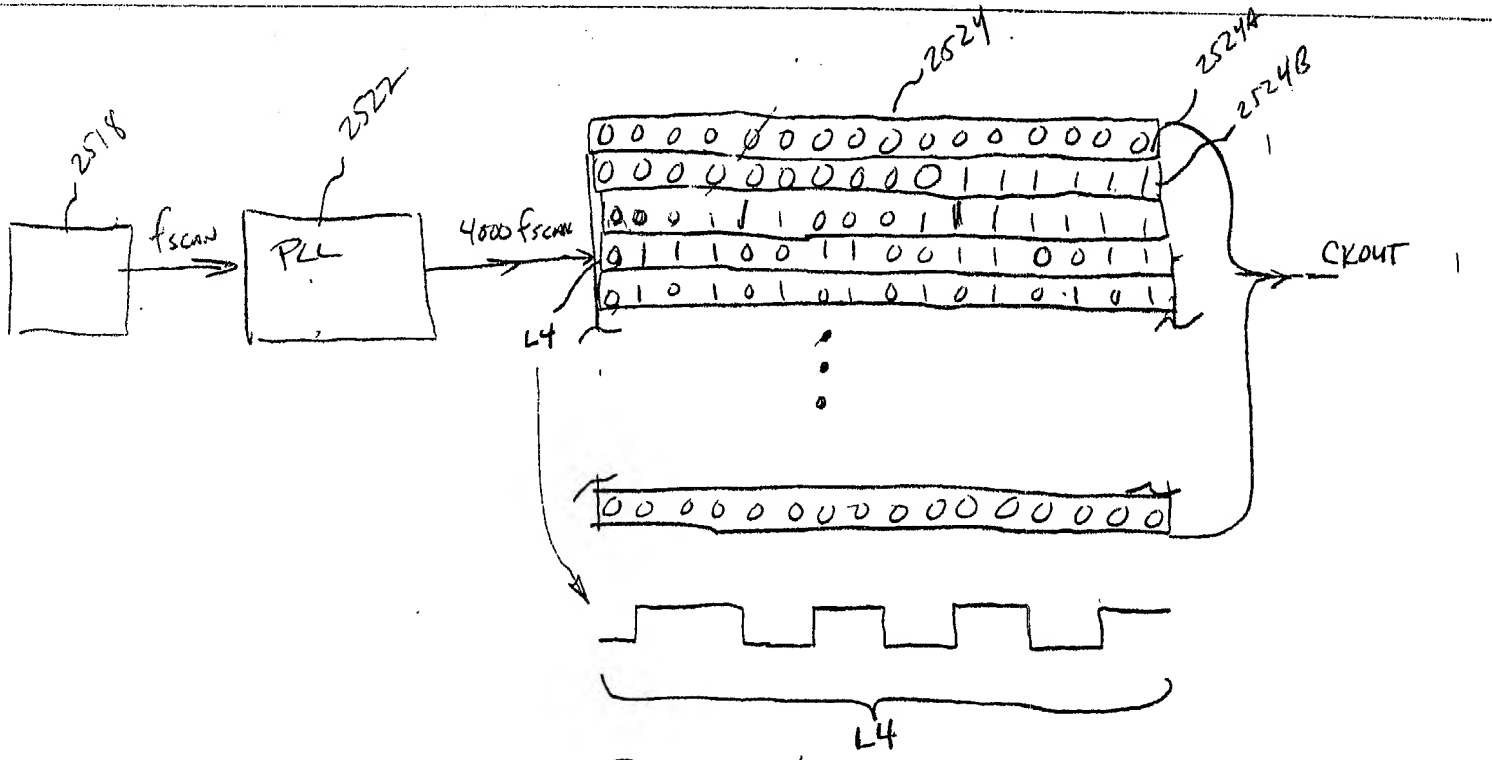


FIG. 26

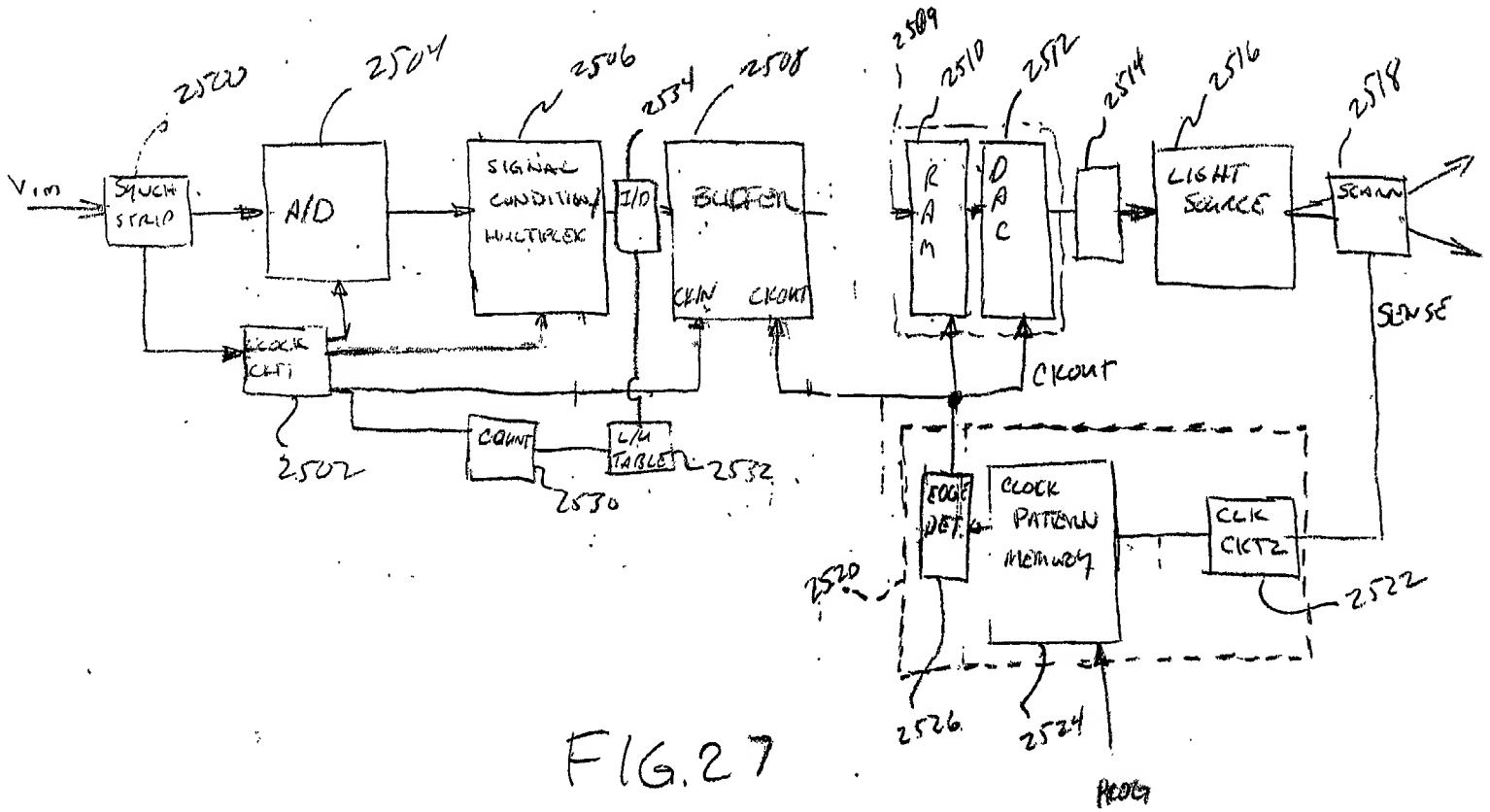

Vin
TOUCH STRIP
2520
A/D
2504
SIGNAL CONDITION/ MULTIPLEX
2506
I/O
2534
BUFFER
CKIN
CKOUT
2508
2509
RAM
2510
DAC
2512
2514
LIGHT SOURCE
2516
SCANN
2518
SENSE
CLOCK CKTS
2502
COUNT
2530
L/U TABLE
2532
CKOUT
EDGE DET.
CLOCK PATTERN MEMORY
CLK CKTS
2522
2520
2526
2524
PROG

FIG. 27

Scanned with CamScanner

PATENT APPLICATION

B_{00}	B_{01}	B_{02}	0	0	0	0	0	0	0	0
B_{10}	B_{11}	B_{12}	B_{03}	B_{04}	B_{15}	B_{06}	B_{07}	0	0	0
B_{21}	B_{23}	B_{22}	B_{13}	B_{14}	B_{15}	B_{16}	B_{17}	B_{08}	B_{09}	B_{010}

FIG 28